

Docket No.: 1268-239



IPW  
PATENT

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of :  
Inventor(s): Shmuel SHOSHAN : Confirmation No. 2850  
U.S. Patent Application No. 10/517,048 : Group Art Unit: 1646  
Filed: December 3, 2004 : Examiner:

For: A MULTI-LAYER COLLAGENIC ARTICLE USEFUL FOR WOUNDS HEALING

**INFORMATION DISCLOSURE STATEMENT**

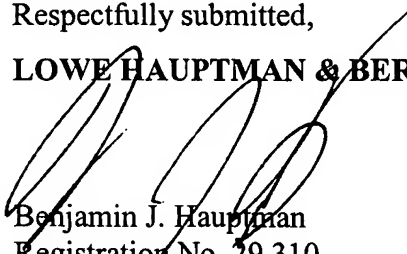
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In accordance with the provisions of 37 C.F.R. 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the documents listed on the attached form PTO-1449. It is respectfully requested that the documents be expressly considered during the prosecution of this application, and that the documents be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This Information Disclosure Statement is being filed within three months of the U.S. filing date OR before the mailing date of a first Office Action on the merits. No certification or fee is required.

Respectfully submitted,  
**LOWE HAUPTMAN & BERNER, LLP**

  
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**Date: August 31, 2005**

|   |              |         |                |                                    |          |  |  |
|---|--------------|---------|----------------|------------------------------------|----------|--|--|
| <b>INFORMATION DISCLOSURE<br/>CITATION IN AN<br/>APPLICATION</b><br><br>(PTO-1449)  |              |         |                | ATTY. DOCKET NO.<br>1268-239       |          | U.S. PATENT<br>APPLICATION NO.<br>10/517,048 |  |
|   |              |         |                | APPLICANT<br><b>Shmuel SHOSHAN</b> |          |  |  |
|   |              |         |                | FILING DATE<br>December 3, 2004    |          | GROUP<br>1646                                |  |
| <b>U.S. PATENT DOCUMENTS</b>  |              |         |                |                                    |          |  |  |
| EXAMINER'S<br>INITIALS  | PATENT NO.   | DATE    | NAME           | CLASS                              | SUBCLASS | FILING<br>DATE                               |  |
|   | 4,233,360    | 11/1980 | Luck et al     |                                    |          |  |  |
|   | 3,934,852    | 1/1976  | Weber et al    |                                    |          |  |  |
|   | 3,121,049    | 2/1964  | Nishihara      |                                    |          |  |  |
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|   | 3,314,861    | 4/1967  | Fujii          |                                    |          |  |  |
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| <b>FOREIGN PATENT DOCUMENTS</b>   |              |         |                |                                    |          |  |  |
| EXAMINER'S<br>INITIALS  | PATENT NO.   | DATE    | COUNTRY        | CLASS                              | SUBCLASS | Translation<br>Yes    No                     |  |
|   | 0 943 346    | 9/1999  | EP             |                                    |          |  |  |
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| <b>OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)</b>   |              |         |                |                                    |          |  |  |
| Redlich, M. et al, "Exogenous Non-Crosslinked Collagen Enhances Granulation Tissue Formation in Dermal Excision Wounds in Guinea Pigs", Matrix Biology Vol. 17/1998, pp 667-671 |              |         |                |                                    |          |  |  |
| Shimizu, Y. et al, "Studies on Composites of Collagen and A Synthetic Polymer", Biomat. Med. Dev. Art. Org., 6(4), 375-391 (1978)   |              |         |                |                                    |          |  |  |
| EXAMINER  |              |         |                | DATE CONSIDERED                    |          |  |  |

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

| <b>INFORMATION DISCLOSURE<br/>CITATION IN AN<br/>APPLICATION</b><br><br><b>(PTO-1449)</b> |             |         |                  | ATTY. DOCKET NO.<br>1268-239       |          | U.S. PATENT<br>APPLICATION NO.<br>10/517,048 |    |
|---|-------------|---------|------------------|------------------------------------|----------|--|----|
|   |             |         |                  | APPLICANT<br><b>Shmuel SHOSHAN</b> |          |  |    |
|   |             |         |                  | FILING DATE<br>December 3, 2004    |          | GROUP<br>1646                                |    |
| U.S. PATENT DOCUMENTS   |             |         |                  |                                    |          |  |    |
| EXAMINER'S<br>INITIALS  | PATENT NO.  | DATE    | NAME             | CLASS                              | SUBCLASS | FILING<br>DATE                               |    |
|   | 3,939,831   | 2/1976  | Cioca et al      |                                    |          |  |    |
|   | 4,320,201   | 3/1982  | Berg et al       |                                    |          |  |    |
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|   | 4,689,399   | 8/1987  | Chu              |                                    |          |  |    |
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|   | 4,837,285   | 6/1989  | Berg et al       |                                    |          |  |    |
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|   | 4,642,118   | 2/1987  | Kuroyanagi et al |                                    |          |  |    |
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|   | 4,950,699   | 8/1990  | Holman           |                                    |          |  |    |
| FOREIGN PATENT DOCUMENTS  |             |         |                  |                                    |          |  |    |
| EXAMINER'S<br>INITIALS  | PATENT NO.  | DATE    | COUNTRY          | CLASS                              | SUBCLASS | Translation                                  |    |
|   |             |         |                  |                                    |          | Yes  | No |
|   | WO 86/03122 | 6/1986  | WIPO             |                                    |          |  |    |
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|   | 4364120A2   | 12/1992 | JP               |                                    |          | X  |    |
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| OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)                          |             |         |                  |                                    |          |  |    |
|   |             |         |                  |                                    |          |  |    |
|   |             |         |                  |                                    |          |  |    |
| EXAMINER  |             |         |                  | DATE CONSIDERED                    |          |  |    |

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